

PHILIPS

Lighting



SunStay

BRP710 LED60 CW MR HY FDIM20 SOLAR IN

Integrated solar street light with Lithium Ferro Phosphate battery, solar panel and charger built into the luminaire. Pressure die cast aluminium for sturdiness and long life. Specially designed pole mounting bracket allows different tilt angles, lateral and pole top mounting.

Product data

General Information		Cable connection kit	
Driver included	Yes	Cable	Cable 0.8m, 2-core, 1.5mm ²
CE mark	CE mark		
Light Technical		Temperature	
Luminous Flux	6,000 lumen	Ambient temperature range	0 to +35 °C
Correlated Color Temperature (Nom)	5700 K		
Luminous Efficacy (rated) (Nom)	175 lm/W	Controls and Dimming	
Color rendering index (CRI)	>70	Dimmable	Yes
Optical cover type	UV stabilized Polycarbonate cover	Configurability	Factory Configurable
Operating and Electrical		Mechanical and Housing	
Input Voltage	240 V	Housing Color	RAL 7011
Line Frequency	50 Hz	Overall length	757 mm
Battery type	Lithium Ferro Phosphate	Overall width	511 mm
Battery ampere hour	30 Ah	Overall height	188 mm
Battery voltage	12.8 V	Dimensions (Height x Width x Depth)	188 x 511 x 757 mm
Battery charging & discharging cycles	2000	Material	Pressure die cast aluminum
Panel type	Mono crystalline		
Panel voltage	17 Vmp, 21 Voc V	Approval and Application	
Panel peak wattage	60 W		

Charge controller type	MPPT
Charge controller wattage	35 W

Ingress protection code	IP65 [Dust penetration-protected, jetproof]
Mech. impact protection code	IK08 [5 J vandal-protected]

Datasheet, 2023, September 4

data subject to change

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Surge Protection(Common/Differential)	Surge protection level until 4 kV
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Product Data

Over Time Performance (IEC Compliant)

Median useful life L70B50	50,000 hour(s)
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Order product name	BRP710 LED60 CW MR HY FDIM20 SOLAR IN
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Order code	919515813754
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Numerator - Quantity Per Pack	1
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Numerator - Packs per outer box	1
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Material Nr. (12NC)	919515813754
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Full product name	BRP710 LED60 CW MR HY FDIM20 SOLAR IN
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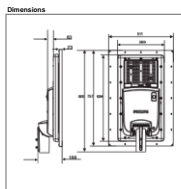
EAN/UPC - Case	8719514509832
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EAN/UPC - Product/Case	8719514509832
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Application Conditions

Ambient temperature range for charging	0 °C to +45 °C °C
Ambient temperature range for discharging (when light is on)	-20 °C to +35 °C °C
Solar dimming profile	4hrs 100% + 8 hrs 20%
Grid connection type	Hybrid
Battery location	Integrated

Dimensional drawing



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